

ABSTRACT

5 The present invention provides for an encryption apparatus, system, and method in which data from an Implantable Medical Device (IMD) and a data center could be transferred based on a differentiated encryption system. The encryption scheme allows for the differentiation, segregation, and classification of data at required or needed levels of security. Before transfer of the data, either from an IMD or any other part of a support network for the IMDs, the encryption device begins to distinguish the data. The variable data is then classified based on various levels of security having distinct encryption protocols. After classification the data is encrypted based on the data's level of security. 10 The data is then transmitted. Upon being received the data is then segregated based on whether the data is encrypted. The encrypted data is then de-encrypted and interpreted.